Charles County, Maryland Table K1.--Water Features

Print date: 07/18/2002

(Depths of layers are in feet. See text for definitions of terms used in this table. Estimates of the frequency of ponding and flooding apply to the whole year rather than to individual months. Absence of an entry indicates that the feature is not a concern or that data were not estimated.)

	<u> </u>		Water	table		Ponding		Flooding	
Map symbol and soil name	Hydro-  logic  group	Month 	Upper limit	Lower   limit	Surface    water     depth	Duration	Frequency	Duration	Frequency   
	\ <del></del>		Ft	   Ft	Ft		.		
Ad: Alluvial Land	   D			 				 	 
		March  April  May  June  July  September  October	0.0-1.0   0.0-1.0   0.0-1.0   0.0-1.0   0.0-1.0       0.0-1.0   0.0-1.0	>6.0   >6.0   >6.0   >6.0         >6.0	                 	    	None   None   None   None   None   None   None   None   None	Very brief   Very brief	Frequent   Frequent   Frequent   Frequent   Frequent   Frequent   Frequent   Frequent   Frequent
		December	0.0-1.0	>6.0			None	Very brief	Frequent
Auc2: Aura	В	    Jan-Dec					   None	 	     None
AuD2: Aura	     B	      Jan-Dec					     None	     	     None
AuD3: Aura	     B	    Jan-Dec					     None	     	     None
BlA: Beltsville	C	      January	1.5-2.5	      2.0-3.0	     		     None	     	       None
		February  March		2.0-3.0  2.0-3.0  2.0-3.0	     	  	None None None None	     	None None None None
BlB2: Beltsville	   C       	   January   February   March   November   December	  1.5-2.5  1.5-2.5  1.5-2.5  1.5-2.5  1.5-2.5	2.0-3.0  2.0-3.0  2.0-3.0	     	=== === === ===	None None None None None	       	None None None None None None

Table K1.--Water Features--Continued

	Ţ		Water	table		Ponding		Floo	ding
Map symbol and soil name	Hydro-  logic  group	   Month   	Upper   limit	Lower   limit 	Surface    water     depth	Duration	Frequency	Duration	Frequency
BlC2: Beltsville	C		Ft	Ft	Ft				
DEILSVIIIE		January  February  March  November  December	1.5-2.5  1.5-2.5  1.5-2.5  1.5-2.5  1.5-2.5	2.0-3.0  2.0-3.0  2.0-3.0	     	  	None None None None None	   	None None None None None
BlC3: Beltsville	c C	 	Ì	i					
		January  February  March  November  December	1.5-2.5  1.5-2.5  1.5-2.5  1.5-2.5  1.5-2.5	2.0-3.0  2.0-3.0  2.0-3.0	i i	  	None   None   None   None   None	  	None   None   None   None   None
Bo: Bibb	     D	   		   	   				
		January  February  March  April  May  December	0.5-1.5   0.5-1.5   0.5-1.5   0.5-1.5 	>6.0   >6.0   >6.0 	         	  	None   None   None   None   None	Long Long Long Long Long Long	Frequent   Frequent   Frequent   Frequent   Frequent   Frequent
BrB2: Bourne	l C	   		   	   				
		January  February  March  April  May  December	1.5-2.5  1.5-2.5  1.5-2.5  1.5-2.5  1.5-2.5	1.8-3.0  1.8-3.0  1.8-3.0  1.8-3.0	         	  	None   None   None   None   None	   	None None None None None None
BrC2: Bourne	l l C	   		   	   				
		January  February  March  April  May  December	1.5-2.5  1.5-2.5  1.5-2.5  1.5-2.5  1.5-2.5  1.5-2.5	1.8-3.0  1.8-3.0  1.8-3.0  1.8-3.0	         	  	None None None None None None None	    	None None None None None None
BuC3:				I I	 				

Table K1.--Water Features--Continued

		<u> </u>	Water	table		Ponding		Flood	ding
Map symbol and soil name	  Hydro-  logic  group	   Month   	Upper   limit 	Lower   limit 	  Surface    water     depth	Duration	Frequency   	Duration	Frequency   
Bourne			Ft	Ft	Ft				
Bourne	İ	March  April  May	1.5-2.5  1.5-2.5  1.5-2.5  1.5-2.5  1.5-2.5  1.5-2.5	11.8-3.0 11.8-3.0 11.8-3.0 11.8-3.0	     	  	None None None None None None	   	None None None None None None None
ChB2: Chillum	   B 	    Jan-Dec	   	   	     		 		     None
Chc2: Chillum	   B 	    Jan-Dec	   	   	     		 		     None
Co: Coastal Beaches	j I D	 		    -	i i				 
Souscar Beaches	   	February  March  April  May  June  July	0.0-6.0   0.0-6.0   0.0-6.0   0.0-6.0   0.0-6.0   0.0-6.0   0.0-6.0   0.0-6.0   0.0-6.0   0.0-6.0	>6.0   >6.0			None None None None None None None None	Long Long Long Long Long Long Long Long	Frequent
CrB2: Croom	   C 	    Jan-Dec	   	   	 		 		     None
CrC2: Croom	   C 	    Jan-Dec	   	   	 		 		     None
CrC3: Croom	   C 	    Jan-Dec	   	   	 		None		     None
Cu: Cut And Fill Land	   	    Jan-Dec 		     	       		 		     None 

Table K1.--Water Features--Continued

			Water	table		Ponding		Floo	ding
Map symbol and soil name	Hydro-  logic  group	Month   	Upper   limit	Lower limit	Surface    water     depth	Duration	Frequency     	Duration	Frequency   
Ek: Elkton		January February March April May November	Ft	>6.0 >6.0 >6.0 >6.0 >6.0 >6.0	Ft	=== === === === ===	None None None None None None None	  	None None None None None None
ErE: Eroded Land	   -  B 	      Jan-Dec					     None		       None
EvB: Evesboro	   -  A 	      Jan-Dec					     None		     None
EvC: Evesboro	 -  A 	    Jan-Dec			 		   None		     None
EwB: Evesboro	-  A	    Jan-Dec			 		     None		     None
EwC: Evesboro	 -  A 	    Jan-Dec			 		     None		     None
ExC2: Exum	  -  C 	    January  February  March  April	  3.5-5.0  3.5-5.0  3.5-5.0  3.5-5.0	4.0-5.5 4.0-5.5	i i	  	None None None None None	  	   None   None   None   None
ExC3: Exum	-  C	    January  February  March  April	  3.5-5.0  3.5-5.0  3.5-5.0  3.5-5.0	4.0-5.5 4.0-5.5	 	  	None None None None	  	   None   None   None   None
ExD2:			[						[

Table K1.--Water Features--Continued

	Ţ	<u> </u>	Water	table	ļ	Ponding		Floo	ding
Map symbol and soil name	  Hydro-  logic  group	   Month   	Upper   limit	Lower   limit	Surface   water   depth	Duration	Frequency   	Duration	Frequency
Exum	C	   	Ft	   Ft 	Ft				
	       	January  February  March  April 	3.5-5.0  3.5-5.0	4.0-5.5   4.0-5.5   4.0-5.5   4.0-5.5	 	  	None     None     None     None	  	None   None   None   None
EyD3: Exum	İ	    January  February  March  April	3.5-5.0  3.5-5.0		 	 		 	None None None None None
EzB2: Exum	     C	   		   	 				
	į	January  February  March  April	3.5-5.0  3.5-5.0		i i i i	  	None     None     None     None	  	None   None   None   None
Beltsville	C       	  January  February  March  November  December	  1.5-2.5  1.5-2.5  1.5-2.5  1.5-2.5  1.5-2.5	2.0-3.0 2.0-3.0	     	  	None   No	  	None None None None None
Fs: Fallsington	     B/D	 							
	         	January  February  March  April  May  December	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	>6.0   >6.0   >6.0   >6.0	         	  	None   None	  	None None None None None None None
GaB: Galestown	   A 	    Jan-Dec		     			   None		     None
Gp: Gravel And Borrow Pi	   A 	      Jan-Dec		     			   None		     None
GvE: Gravelly Land	     B	   	 	 					

Table K1.--Water Features--Continued

	<u> </u>		Water	table		Ponding		Floo	ding
Map symbol and soil name	Hydro-  logic  group	   Month   	Upper   limit	Lower   limit	Surface   Surface    water   depth	Duration	Frequency	Duration	Frequency
		  Jan-Dec 	Ft	Ft 	Ft		None		None
Ik: Iuka	   C         	March  April	  1.0-3.0  1.0-3.0  1.0-3.0  1.0-3.0  1.0-3.0	>6.0   >6.0   >6.0	 	  	None None None None None	Brief Brief Brief Brief Brief	   Frequent   Frequent   Frequent   Frequent
Im: Iuka	C C	March  April	1.0-3.0  1.0-3.0  1.0-3.0  1.0-3.0  1.0-3.0	>6.0   >6.0   >6.0		   	None None None None None	=== === === ===	Rare Rare Rare Rare Rare
In: Iuka	   C   	March  April	  1.0-3.0  1.0-3.0  1.0-3.0  1.0-3.0  1.0-3.0	>6.0   >6.0   >6.0	     	  	None None None None None None	Brief Brief Brief Brief Brief	Occasional Occasional Occasional Occasional
KeA: Keyport	   C   I   I   I	March  April  May	1 .5-4.0   1 .5-4.0   1 .5-4.0   1 .5-4.0   1 .5-4.0   1 .5-4.0   1 .5-4.0	2.0-4.5  2.0-4.5  2.0-4.5  2.0-4.5  2.0-4.5		   	None   None   None   None   None   None   None	   	None None None None None None None None
KeB2: Keyport	   C           	February  March  April  May  November	1.5-4.0  1.5-4.0  1.5-4.0  1.5-4.0  1.5-4.0  1.5-4.0	2.0-4.5  2.0-4.5  2.0-4.5  2.0-4.5  2.0-4.5		   	None None None None None None None	    	None None None None None None None None
KpA:	İ	İ	İ	ĺ	i i		İ		İ

Table K1.--Water Features--Continued

			Water	table		Ponding		Floo	ding
Map symbol and soil name	  Hydro-  logic  group	Month   	Upper limit	Lower   limit 	Surface    water     depth	Duration	Frequency   	Duration	Frequency   
Keyport			Ft	Ft	Ft				
		January  February  March  April  May  November  December	1.5-4.0 1.5-4.0 1.5-4.0 1.5-4.0 1.5-4.0 1.5-4.0	2.0-4.5  2.0-4.5  2.0-4.5  2.0-4.5  2.0-4.5	     	   	None   None	   	None None None None None None None None
<pre>KpB2:   Keyport</pre>	i I C	İ	į	i I	į į		į		
Reyport		  January  February  March  April  May  November  December	1.5-4.0  1.5-4.0  1.5-4.0  1.5-4.0  1.5-4.0  1.5-4.0  1.5-4.0	2.0-4.5  2.0-4.5  2.0-4.5  2.0-4.5  2.0-4.5	     	  	None None None None None None None None	  	None None None None None None None None
KpC2: Keyport	   C       	    January  February  March  April  May	  1.5-4.0  1.5-4.0  1.5-4.0  1.5-4.0  1.5-4.0	2.0-4.5  2.0-4.5  2.0-4.5	     		None   None   None   None   None	  	None None None None None
	 	November  December	11.5-4.0				None     None		None   None
KpC3: Keyport	 	      January  February	  1.5-4.0  1.5-4.0						     None   None
	       	March  April  May  November  December	1.5-4.0  1.5-4.0  1.5-4.0  1.5-4.0  1.5-4.0	2.0-4.5  2.0-4.5  2.0-4.5  2.0-4.5	     	  	None   No	  	None None None None None
Le: Leonardtown	   D   	    January  February  March  November	  0.0-1.0  0.0-1.0  0.0-1.0  0.0-1.0	0.9-1.7	 	  	None   None   None   None	  	   None   None   None

Table K1.--Water Features--Continued

			Water	table		Ponding	·	Floo	ding
Map symbol and soil name	Hydro-  logic  group	   Month   	Upper   limit	Lower   limit 	Surface    water     depth	Duration	Frequency   	Duration	Frequency   
MgA: Magnolia	     B 	      January  February	3.5-5.0		i i		None		     None   None
MgB2: Magnolia	         B	March  April   	3.5-5.0  3.5-5.0 				None     None   		None   None 
nagnoria		January  February  March  April	3.5-5.0  3.5-5.0  3.5-5.0  3.5-5.0	4.0-5.5	 	  	None     None     None     None	  	None None None None
MgC2: Magnolia	   B     	    January  February  March  April	  3.5-5.0  3.5-5.0  3.5-5.0  3.5-5.0	4.0-5.5   4.0-5.5	 	  	None   None   None   None   None	  	   None   None   None   None
MkC3: Magnolia	     B     	    January  February  March  April	  3.5-5.0  3.5-5.0  3.5-5.0  3.5-5.0	4.0-5.5   4.0-5.5	 	  	None   None   None   None	  	None None None None
MlB2: Marr	     B 	      Jan-Dec		     	     				       None
MmA: Matapeake	     B 	      Jan-Dec		     	     		       None		     None
MmB2: Matapeake	   B 	      Jan-Dec 		   	 		   None		     None
MnA: Matapeake	   B 	    Jan-Dec		   	   		   None		     None
MnB2: Matapeake	   B	 	<u> </u> 	   	i i I I				i I

Table K1.--Water Features--Continued

	1		Water	table	1	Ponding		Flooding		
Map symbol and soil name	Hydro-  logic  group	   Month   	Upper	Lower limit	Surface    water     depth	Duration	Frequency	Duration	Frequency	
		  Jan-Dec	Ft 	Ft 	Ft		None		None	
MnC2: Matapeake	- B	      Jan-Dec					     None		None	
MnC3: Matapeake	-   B	      Jan-Dec					     None		None	
Ms: Matawan	  -  C   	    January  February  March  April	  2.0-3.0   2.0-3.0   2.0-3.0   2.0-3.0	>6.0 >6.0		  	None None None None None	  	   None   None   None   None	
MtA: Mattapex	  -  C   	    January  February  March  April	  1.5-3.0  1.5-3.0  1.5-3.0  1.5-3.0	>6.0 >6.0		  	None None None None	  	   None   None   None   None	
MtB2: Mattapex	  -  C 	    January  February  March  April	  1.5-3.0  1.5-3.0  1.5-3.0  1.5-3.0	>6.0 >6.0	     	  	None None None None	  	None None None None	
MuA: Mattapex	  -  C 	    January  February  March  April	  1.5-3.0  1.5-3.0  1.5-3.0  1.5-3.0	>6.0 >6.0	     	  	None None None None	  	   None   None   None   None	
MuB2: Mattapex	-  C	    January  February  March  April	  1.5-3.0  1.5-3.0  1.5-3.0  1.5-3.0	>6.0 >6.0		  	None None None None	  	   None   None   None   None	
MxC:										

Table K1.--Water Features--Continued

			Water	table		Ponding		Floor	ding
Map symbol and soil name	  Hydro-  logic  group	   Month   	Upper     limit   	Lower	Surface    water     depth	Duration	Frequency         	Duration	Frequency   
Mattapex			Ft	Ft	Ft				
Писсирея	İ		1.5-3.0  1.5-3.0  1.5-3.0  1.5-3.0	>6.0 >6.0		  	None   None   None   None	  	None None None None
OcB: Ochlockonee	   	February		>6.0 >6.0 >6.0		  	None   None   None   None   None   None   None	  	   Rare   Rare   Rare   Rare
Or: Osier	     A/D	    -	0.0-1.0	> 0	 				     None
	       	March	0.0-1.0     0.0-1.0     0.0-1.0     0.0-1.0	>6.0 >6.0 >6.0	     	  	None     None     None     None		None None None None None
Os: Othello	     C/D	 					 		   
	       	March	0.0-1.0     0.0-1.0     0.0-1.0     0.0-1.0     0.0-1.0	>6.0 >6.0 >6.0	     	  	None   None	  	None   None   None   None   None
Ot: Othello	     C/D	   			 		 		   
	     		0.0-1.0     0.0-1.0     0.0-1.0     0.0-1.0     0.0-1.0	>6.0 >6.0 >6.0	         	  	None   No	  	None None None None None
RdB2: Rumford	     B 	      Jan-Dec 	 		 		 		     None
RdC2: Rumford	   B 	    Jan-Dec	 		 		         None		     None
RgB2:	İ	İ	i i		i i		i i		İ

Table K1.--Water Features--Continued

			Water	table		Ponding		Floo	ding
Map symbol and soil name	Hydro-  logic  group	Month     	Upper limit	Lower   limit 	Surface   water   depth	Duration	Frequency   	Duration	Frequency   
Rumford	B	    Jan-Dec	Ft	Ft   	Ft   		     None		None
RgC2: Rumford	     B 	      Jan-Dec		     			     None	     	     None
SaE: Sandy Land	   B 	    Jan-Dec	   	   			     None	   	     None
ShA: Sassafras	   B 	    Jan-Dec 	   	     	   		     None	   	     None
ShB2: Sassafras	   B 	    Jan-Dec 	   	     	   		     None	 	     None
ShC2: Sassafras	   B 	    Jan-Dec	   	     	   		     None	   	     None
ShC3: Sassafras	   B 	    Jan-Dec 	   	     	   		     None	   	     None
ShD2: Sassafras	   B 	    Jan-Dec	   	     			     None	   	     None
ShD3: Sassafras	   B 	    Jan-Dec	   	   			     None	   	     None
Sx:	İ		i	İ	i				

Table K1.--Water Features--Continued

			Water	table	1	Ponding		Flood	ding
Map symbol and soil name	  Hydro-  logic  group	   Month   	Upper   limit				Frequency	   Duration   	Frequency 
		   	   Ft 	   Ft 	Ft	   		   	
Tm: Tidal Marsh	                       	May  June  July  August  September  October  November  December      January  February  March  April		>6.0  >6.0  >6.0  >6.0  >6.0  >6.0  >6.0  >6.0  >6.0  >6.0  >6.0  >6.0  >6.0  >6.0  >6.0  >6.0  >6.0  >6.0  >6.0	1.0-2.0   1.0-2.0   1.0-2.0   1.0-2.0   1.0-2.0   1.0-2.0   1.0-2.0   1.0-2.0   1.0-2.0   1.0-2.0   1.0-2.0   1.0-2.0   0.0-1.0   0.0-1.0   0.0-1.0   0.0-1.0   0.0-1.0   0.0-1.0   0.0-1.0   0.0-1.0   0.0-1.0   0.0-1.0   0.0-1.0   0.0-1.0	Very long  Very long	None None None None None None None None	Very long Very brief Very brief Very brief Very brief Very brief Very brief Very brief Very brief Very brief Very brief Very brief Very brief Very brief Very brief Very brief Very brief Very brief Very brief Very brief	Frequent Frequent
WaB2: Westphalia	   B 	    Jan-Dec	   	   	   	   	     None	   	     None
WaC2: Westphalia	   B 	      Jan-Dec	   	   	   	   	     None	   	     None
WaC3: Westphalia	   B 	      Jan-Dec 	   	     	     	   	     None	   	     None
WaD2: Westphalia	B 	    Jan-Dec	   	   	   	   	     None	   	     None
WaD3: Westphalia	   B	   		 		   	 	 	

Table K1.--Water Features--Continued

	Ţ	     Month 	Water table		Ponding			Flooding	
Map symbol and soil name	Hydro-  logic  group		Upper limit	Lower   limit 	Surface    water     depth	Duration	Frequency   	Duration	Frequency   
		  Jan-Dec	Ft 	Ft 	Ft		None		None
WeB2: Westphalia	В	    Jan-Dec		   			     None		     None
Evesboro	A	    Jan-Dec		   			   None		   None
WeC2: Westphalia	     B	      Jan-Dec		     			     None		     None
Evesboro	A	    Jan-Dec		   			   None		     None
WeC3: Westphalia	     B	      Jan-Dec		     	     		     None		       None
Evesboro	   A 	    Jan-Dec		   			   None		     None
WkB2: Wickham	   B   B   	   January   February   March   April   December		   >6.0   >6.0   >6.0   >6.0   >6.0		  	None None None None None	  	None None None None None
WkC2: Wickham	   B       	    January  February  March  April  December		   >6.0   >6.0   >6.0   >6.0   >6.0	         	  	None None None None None		   None   None   None   None
WkD2: Wickham	   B   B       	    January  February  March  April  December	5.0 5.0	   >6.0   >6.0   >6.0   >6.0   >6.0   >6.0		  	None None None None None None	   	   None   None   None   None   None

Table K1.--Water Features--Continued

		     Month 	Water table		Ponding			Flooding	
Map symbol and soil name	Hydro-  logic  group		Upper     limit	Lower limit	Surface    water     depth	Duration	Frequency	Duration	Frequency   
WmC3: Wickham	     B 	      January  February  March	Ft	>6.0 >6.0 >6.0	Ft	 	None None None	===	None None None
WmD3: Wickham	         B	April  December   	5.0     5.0   	>6.0 >6.0	     		None     None   		None   None 
	į	January  February  March  April  December	5.0     5.0     5.0     5.0     5.0	>6.0 >6.0 >6.0 >6.0 >6.0	         	  	None   None   None   None   None	   	None None None None None
WoA: Woodstown	   C     	February  March	  1.5-3.5  1.5-3.5  1.5-3.5  1.5-3.5	>6.0 >6.0	         	  	None None None None None None	  	   None   None   None   None
WoB2: Woodstown		February  March	  1.5-3.5  1.5-3.5  1.5-3.5  1.5-3.5	>6.0 >6.0	         	  	None   None   None   None	 	None None None None
WoC2: Woodstown	C   C	February	  1.5-3.5   1.5-3.5   1.5-3.5   1.5-3.5	>6.0 >6.0	     	  	None None None None	  	None None None None